



University of Connecticut Health Center

Office of the
Associate Vice President
for Research Administration

K-8

February 8, 2012

Sandy Gabriel, Ph.D.
United States Nuclear Regulatory Commission, Region I
Medical Branch
475 Allendale Road
King of Prussia, PA 19406-1415

RE: USNRC License #06-13022-02

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REGION 1
2012 FEB 13 PM 12:18

Dear Ms. Gabriel:

The University of Connecticut Health Center requests a license amendment for Item 8 – Training for Individuals Working in or Frequenting Restricted Areas – Staff Involved with HDR Unit of our HDR application. Attached is our amended Item 8.

Please contact Kenneth Price, the University of Connecticut Health Center's Radiation Safety Officer at 860-679-2250 if you require further information.

Respectfully,

Leonard P. Paplauskas
Associate V.P. for Research, Emeritus

Copy to: J. Fomenko
K. Price
R. Ryan
A. Sinisterra
J. Small

An Equal Opportunity Employer
263 Farmington Avenue
Farmington, Connecticut 06030-1920

Telephone: (860) 679-3173
Facsimile: (860) 679-1371
e-mail: paplauskas@adp.uconn.edu

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NMSS/RGN1 MATERIALS-002

Item 8

University of Connecticut Health Center Application Amendment – License #06-13022-02

Training for Individuals Working in or Frequenting Restricted Areas Staff Involved with HDR Unit

- A. Training for the microSelectron HDR (model 106.990) will be provided to all authorized physician users, authorized medical physicist, the RSO and device operators and will include “hands-on” training in the operation of the device. The training program will have the following components:
1. Generally, authorized personnel from the Office of Radiation Safety currently provide radiation safety in-service training to all appropriate employees as previously indicated in our license application. We use Appendix J, NUREG-1556, Vol.7 or Appendix H, NUREG-1556, Vol.9 as a guide for the training outline, commensurate with duties.
 2. Specific HDR unit initial training is provided on-site by Nucletron Corporation staff. See Appendix 8-1 for a list of staff and their qualifications to provide this training. Subsequent specific HDR unit training can also be provided by an Authorized User or Authorized Medical Physicist with Radiation Safety Office staff support.
 3. Appendix 8-2 provides an outline of the Nucletron HDR unit initial training. The training will include:
 - a. Radiation protection and instrumentation, including the proper use of personnel dosimeters, survey instruments and radiation monitors.
 - b. The HDR operating and emergency procedures.
 - c. Design, use and function of the device, including safety systems.
 - d. On-the-job training in actual operation of the device under the direct supervision of an experienced device user. This training includes “dry runs” (using dummy sources) at routine patient set-up and treatment, as well as implementation of the licensee’s emergency procedures.
 - e. The competency of the trainee in the use of the device will be tested through observation.
 4. Device operators will be retrained on an annual basis. The retraining outline is the same as the initial training outline. The training will include practice in implementing (using dummy sources) the HDR emergency procedures (dry run).
 5. We will use Appendix J, NUREG-1556, Vol.7 as a guide for the training outline for training our ancillary staff, commensurate with duties. The training will meet the requirements of 10CFR19.12 and 10CFR35.410. Ancillary staff will be retrained on an annual basis.
 6. Initial and refresher training provided for both device operators and ancillary personnel will be maintained for a period of 3 years.

This is to acknowledge the receipt of your letter/application dated

2/8/2012, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Amendment C06-13022-02 There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 576937.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.